



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474

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www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

United States Gypsum Corporation
550 West Adams Street
Chicago, IL 60661

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (in Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: SECUROCK® Roof Boards

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No.14-0731.09 and consists of pages 1 through 7.

The submitted documentation was reviewed by Gaspar J Rodriguez.



NOA No.: 15-0709.10
Expiration Date: 10/13/20
Approval Date: 04/21/16
Page 1 of 7

ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Insulation
Materials: Gypsum

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
SECUROCK Gypsum-Fiber Roof Board <i>Manufacturing Location #1</i>	4' x 8' x ¼" 4' x 4' x ¼"	TAS 110	A rigid, gypsum based board stock for use as an overlayment, underlayment or bonding surface.
SECUROCK Gypsum-Fiber Roof Board <i>Manufacturing Location #1</i>	4' x 8' x ⅜" 4' x 4' x ⅜"	TAS 110	A rigid, gypsum based board stock for use as an overlayment, underlayment or bonding surface.
SECUROCK Gypsum-Fiber Roof Board <i>Manufacturing Location #1</i>	4' x 8' x ½" 4' x 4' x ½"	TAS 110	A rigid, gypsum based board stock for use as an overlayment, underlayment or bonding surface.
SECUROCK Gypsum-Fiber Roof Board <i>Manufacturing Location #1</i>	4' x 8' x ⅝" 4' x 4' x ⅝"	TAS 110	A rigid, gypsum based board stock for use as an overlayment, underlayment or bonding surface.
SECUROCK Glass-Mat Roof Board <i>Manufacturing Location #2</i>	4' x 8' x ¼"	TAS 110	A rigid, gypsum based board stock with a USG fiberglass facer. For use as an overlayment, underlayment or bonding surface.
SECUROCK Glass-Mat Roof Board <i>Manufacturing Location #2</i>	4' x 8' x ½"	TAS 110	A rigid, gypsum based board stock with a USG fiberglass facer for use as an overlayment, underlayment or bonding surface.
SECUROCK Glass-Mat Roof Board <i>Manufacturing Location #2</i>	4' x 8' x ⅝"	TAS 110	A rigid, gypsum based board stock with a USG fiberglass facer for use as an overlayment, underlayment or bonding surface.
SECUROCK Cement Roof Board <i>Manufacturing Location #3</i>	4' x 8' x ½" 4' x 4' x ½"	ASTM C 1325	A rigid, gypsum based board stock for use as a cover board, parapet, fire barrier or thermal barrier roof board.

MANUFACTURING LOCATIONS:

1. Gypsum, OH
2. Sweetwater, TX
3. River Rouge, MI

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Name/Report</u>	<u>Test Identifier</u>	<u>Date</u>
Trinity ERD	ASTM C 1278-03 & 07	SC9355.09.15	09/28/15
Trinity ERD	ASTM C 1177	U30480.11.09-R1	09/03/10
Progressive Engineering, Inc.	ASTM C 1325	2007-1590	04/28/14
QAI Laboratories, Inc.	ANSI A118.1	TJ2964-1	09/03/15
QAI Laboratories, Inc.	ASTM G21	TJ2964-2	09/03/15
Factory Mutual Research Corp.	FM 4450	3034124	02/23/09



NOA No.: 15-0709.10
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Page 2 of 7

TYPICAL PHYSICAL PROPERTIES:

SECUROCK GYPSUM-FIBER ROOF BOARD

<u>Property</u>	<u>Test</u>	<u>Available Thicknesses</u>			
		<u>1/4"</u>	<u>3/8"</u>	<u>1/2"</u>	<u>5/8"</u>
Flexural Strength: Parallel lbf.	ASTM C 473	55	94	115	218
Perpendicular, lbf.	ASTM C 473	58	91	123	197
Flute Spanability, in.	ASTM E 661	2 5/8"	5"	5"	8"
Nail Pull Resistance, lbf.	ASTM C 473	87	123	142	199
Core Hardness, lbf.	ASTM C 473	48	67	74	106
Edge Hardness, lbf.	ASTM C 473	42	62	79	106
End Hardness, lbf.	ASTM C 473	41	63	76	101
Absorption, %	ASTM C 473	3.0	6.0	3.0	6.0
Humidified Deflection, in.	ASTM C 473	N/A	N/A	0.08	0.06

SECUROCK GLASS-MAT ROOF BOARD

<u>Property</u>	<u>Test</u>	<u>Available Thicknesses</u>		
		<u>1/4"</u>	<u>1/2"</u>	<u>5/8"</u>
Flexural Strength: Parallel lbf.	ASTM C 473	56	90	130
Perpendicular, lbf.	ASTM C 473	80	139	192
Flute Spanability, in.	ASTM E 661	2 5/8"	5"	8"
Nail Pull Resistance, lbf.	ASTM C 473	48	81	123
Core Hardness, lbf.	ASTM C 473	53	48	94
Edge Hardness, lbf.	ASTM C 473	50	50	80
End Hardness, lbf.	ASTM C 473	47	80	82
Absorption, %	ASTM C 473	9.2	6.1	4.2
Humidified Deflection, in.	ASTM C 473	0.14	0.05	0.10



SECUROCK CEMENT ROOF BOARD

<u>Property</u>	<u>Test</u>	<u>Available Thickness</u> <u>1/2"</u>
Moisture Content, %	ASTM C 1185	9.7
Moisture Movement (Linear Change):		
Parallel, %.	ASTM D 1037	0.019
Perpendicular, %.	ASTM D 1037	0.020
Flexural Strength (Warm Water @ 73°F for 56 days):		
Parallel, psi.	ASTM C 1185	892
Perpendicular, psi.	ASTM C 1185	951
Flexural Strength (Warm Water @ 140°F with excess of lime for 56 days):		
Parallel, psi.	ASTM C 1185	578
Perpendicular, psi.	ASTM C 1185	532
Shear Bond Strength (Dry-Shear Strength to Glazed Wall Tile), psi	ANSI A118.1	53.4
Shear Bond Strength (Water Immersion-Shear Strength to Glazed Wall Tile), psi	ANSI A118.1	39.0
Shear Bond Strength (Dry-Shear Strength to Ceramic Tile), psi	ANSI A118.1	67.7
Shear Bond Strength (Water Immersion-Shear Strength to Ceramic Tile), psi	ANSI A118.1	75.1
Shear Bond Strength (Dry-Shear Strength to Quarry Tile), psi	ANSI A118.1	60.1
Shear Bond Strength (Water Immersion-Shear Strength to Quarry Tile), psi	ANSI A118.1	65.0
Nail Pull Resistance (Dry), lbf.	ASTM D 1037	118
Nail Pull Resistance (Wet), lbf.	ASTM D 1037	101
Mold Resistance	ASTM G 21	Pass
Compression Indentation, inch	ASTM D 2394	0.037
Falling Ball Impact (12" Drop Height)		
Sample 1:	ASTM D 1037	Indentation and microcracking on top surface and microcracking on bottom surface
Sample 2:	ASTM D 1037	No damage on top and bottom surfaces
Sample 3:	ASTM D 1037	Indentation noted on top surface and cracking on bottom surface
Flexural Strength (Freeze/Thaw):		
Parallel, psi.	ASTM C 1185	1000
Perpendicular, psi.	ASTM C 1185	919



COMPONENT APPLICATION:

1/4", 3/8", 1/2" and 5/8" SECUROCK Gypsum-Fiber Roof Board

1. Refer to specific roof assembly NOA for minimum dimensions and for type and pattern of mechanical attachment, and/or adhesive
2. May be secured with ASTM D312 type III or IV asphalt at an application rate of 25 lbs/sq, mechanical attachment or urethane adhesive, unless otherwise specified in Roof Assembly NOA

1/4", 1/2" and 5/8" SECUROCK Glass-Mat Roof Board

1. Refer to specific roof assembly NOA for minimum dimensions and for type and pattern of mechanical attachment.
2. May be secured by utilizing mechanical attachment methods, unless otherwise specified in Roof Assembly NOA.

1/2" SECUROCK Cement Roof Board

1. Refer to specific roof assembly NOA for minimum dimensions and for type and pattern of mechanical attachment, and/or adhesive.
2. May be secured by utilizing mechanical attachment methods, and/or adhesive, unless otherwise specified in Roof Assembly NOA.

PHYSICAL PROPERTIES OF COMPONENTS:

Trade name:	<u>SECUROCK Gypsum-Fiber Roof Board</u>
Thickness:	Minimum 1/4" thick
Board Size(s):	4' x 8' (1.2 x 2.4m) 4' x 4' (1.2 x 1.2m)
Core:	Fiber reinforced gypsum
Facers:	None
Decks:	Concrete, Cementitious Wood Fiber, Steel, Wood, Gypsum, Recover
Special Application:	May be secured with ASTM D312 type III or IV asphalt at an application rate of 25 lbs/sq, mechanical attachment or urethane adhesive.

Trade name:	<u>SECUROCK Gypsum-Fiber Roof Board</u>
Thickness:	Minimum 3/8" thick
Board Size(s):	4' x 8' (1.2 x 2.4m) 4' x 4' (1.2 x 1.2m)
Core:	Fiber reinforced gypsum
Facers:	None
Decks:	Concrete, Cementitious Wood Fiber, Steel, Wood, Gypsum, Recover
Special Application:	May be secured with ASTM D312 type III or IV asphalt at an application rate of 25 lbs/sq, mechanical attachment or urethane adhesive.



Trade name: **SECUROCK Gypsum-Fiber Roof Board**
Thickness: Minimum 1/2" thick
Board Size(s): 4' x 8' (1.2 x 2.4m) 4' x 4' (1.2 x 1.2m)
Core: Fiber reinforced gypsum
Facers: None
Decks: Concrete, Cementitious Wood Fiber, Steel, Wood, Gypsum, Recover
Special Application: May be secured with ASTM D312 type III or IV asphalt at an application rate of 25 lbs/sq, mechanical attachment or urethane adhesive.

Trade name: **SECUROCK Gypsum-Fiber Roof Board**
Thickness: Minimum 5/8" thick
Board Size(s): 4' x 8' (1.2 x 2.4m) 4' x 4' (1.2 x 1.2m)
Core: Fiber reinforced gypsum
Facers: None
Decks: Concrete, Cementitious Wood Fiber, Steel, Wood, Gypsum, Recover
Special Application: May be secured with ASTM D312 type III or IV asphalt at an application rate of 25 lbs/sq, mechanical attachment or urethane adhesive.

Trade name: **SECUROCK Glass-Mat Roof Board**
Thickness: Minimum 1/4" thick
Board Size(s): 4' x 8' (1.2 x 2.4m)
Core: Gypsum
Facers: Fiberglass
Decks: Concrete, Lightweight Concrete, Cementitious Wood Fiber, Steel, Wood, Gypsum, Recover
Special Application: Mechanically attached.

Trade name: **SECUROCK Glass-Mat Roof Board**
Thickness: Minimum 1/2" thick
Board Size(s): 4' x 8' (1.2 x 2.4m)
Core: Gypsum
Facers: Fiberglass
Decks: Concrete, Lightweight Concrete, Cementitious Wood Fiber, Steel, Wood, Gypsum, Recover
Special Application: Mechanically attached.



Trade name: **SECUROCK Glass-Mat Roof Board**
Thickness: Minimum 5/8" thick
Board Size(s): 4' x 8' (1.2 x 2.4m)
Core: Gypsum
Facers: Fiberglass
Decks: Concrete, Lightweight Concrete, Cementitious Wood Fiber, Steel, Wood, Gypsum, Recover
Special Application: Mechanically attached.

Trade name: **SECUROCK® Cement Roof Board**
Thickness: Minimum 1/2" thick
Board Size(s): 4' x 8' (1.2 x 2.4m) 4' x 4' (1.2 x 1.2m)
Core: Gypsum
Facers: Fiberglass
Decks: Concrete, Lightweight Concrete, Cementitious Wood Fiber, Steel, Wood, Gypsum, Recover
Special Application: Liquid applied, mechanically attached, cold mastic modified bitumen, fire and thermal barrier, vapor barrier substrate and parapet.

LABELING:

All membranes or packaging shall bear the imprint or identifiable marking of the manufacturer's name or logo and the following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



END OF THIS ACCEPTANCE



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Page 7 of 7